Apex Labs

12232 S.W. Garden Place
Tigard, OR 97223
503-718-2323 Phone
503-718-0333 Fax

Wednesday, March 10, 2010

Ame LeCocq
Oil Re-Refining Co.
4150 N. Suttle Rd.
Portland, OR 97217

RE: PCB Tanks / [none]

Enclosed are the results of analyses for work order A10C085, which was received by the laboratory on 3/8/2010 at 12:20:00PM.

Thank you for using Apex Labs. We appreciate your business and strive to provide the highest quality services to the environmental industry.

If you have any questions concerning this report or the services we offer, please feel free to contact me by email at: pnerenberg@apex-labs.com, or by phone at 503-718-2323.

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Oil Re-Refining Co.	Project: **PCB Tanks**	
4150 N. Suttle Rd.	Project Number: [none]	**Reported:**
Portland, OR 97217	Project Manager: Ame LeCocq	03/10/10 10:21

ANALYTICAL REPORT FOR SAMPLES

SAMPLE INFORMATION

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
8510118-T27-01	A10C085-01	Oil	03/08/10 10:30	03/08/10 12:20
8510118-T27-02	A10C085-02	Oil	03/08/10 11:35	03/08/10 12:20

DRAFT REPORT

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4150 N. Suttle Rd.	Project Number: [none]	**Reported:**
Portland, OR 97217	Project Manager: Ame LeCocq	03/10/10 10:21

ANALYTICAL SAMPLE RESULTS

Polychlorinated Biphenyls by EPA 8082A

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Date Analyzed	Method	Notes
8510118-T27-01 (A10C085-01)			**Matrix: Oil**		**Batch: 1003154**			**C-07**
Aroclor 1016	ND	---	0.968	mg/kg	1	03/08/10 14:08	EPA 8082A	
Aroclor 1221	ND	---	0.968	"	"	"	"	
Aroclor 1232	ND	---	0.968	"	"	"	"	
Aroclor 1242	ND	---	0.968	"	"	"	"	
Aroclor 1248	ND	---	0.968	"	"	"	"	
Aroclor 1254	ND	---	0.968	"	"	"	"	
Aroclor 1260	ND	---	0.968	"	"	"	"	
Surrogate: 2,4,5,6-TCMX (Surr)			*Recovery: 61 %*	*Limits: 50-125 %*	"	"	"	
Decachlorobiphenyl (Surr)			*96 %*	*Limits: 55-130 %*	"	"	"	
8510118-T27-02 (A10C085-02)			**Matrix: Oil**		**Batch: 1003154**			**C-07**
Aroclor 1016	ND	---	0.754	mg/kg	1	03/08/10 14:37	EPA 8082A	
Aroclor 1221	ND	---	0.754	"	"	"	"	
Aroclor 1232	ND	---	0.754	"	"	"	"	
Aroclor 1242	ND	---	0.754	"	"	"	"	
Aroclor 1248	ND	---	0.754	"	"	"	"	
Aroclor 1254	ND	---	0.754	"	"	"	"	
Aroclor 1260	ND	---	0.754	"	"	"	"	
Surrogate: 2,4,5,6-TCMX (Surr)			*Recovery: 57 %*	*Limits: 50-125 %*	"	"	"	
Decachlorobiphenyl (Surr)			*93 %*	*Limits: 55-130 %*	"	"	"	

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Oil Re-Refining Co.	Project: **PCB Tanks**	
4150 N. Suttle Rd.	Project Number: [none]	**Reported:**
Portland, OR 97217	Project Manager: Ame LeCocq	03/10/10 10:21

QUALITY CONTROL (QC) SAMPLE RESULTS

DRAFT: Polychlorinated Biphenyls by EPA 8082A

Analyte	Result	MDL	Reporting Limit	Units	Dil.	Spike Amount	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1003154 - EPA 3580A							**Oil**					
Blank (1003154-BLK1)					Prepared: 03/08/10 12:56 Analyzed: 03/08/10 13:39							**C-07**
EPA 8082A												
Aroclor 1016	ND	---	0.962	mg/kg	1	---	---	---	---	---	---	
Aroclor 1221	ND	---	0.962	"	"	---	---	---	---	---	---	
Aroclor 1232	ND	---	0.962	"	"	---	---	---	---	---	---	
Aroclor 1242	ND	---	0.962	"	"	---	---	---	---	---	---	
Aroclor 1248	ND	---	0.962	"	"	---	---	---	---	---	---	
Aroclor 1254	ND	---	0.962	"	"	---	---	---	---	---	---	
Aroclor 1260	ND	---	0.962	"	"	---	---	---	---	---	---	
Surr: 2,4,5,6-TCMX (Surr)			*Recovery: 64 %*		*Limits: 50-125 %*			*Dilution: 1x*				
Decachlorobiphenyl (Surr)			*95 %*		*55-130 %*			*"*				
LCS (1003154-BS1)					Prepared: 03/08/10 12:56 Analyzed: 03/08/10 13:53							**C-07**
EPA 8082A												
Aroclor 1016	9.95	---	0.877	mg/kg	1	14.6	---	68	40-140%	---	---	
Aroclor 1260	14.4	---	0.877	"	"	"	---	98	60-130%	---	---	
Surr: 2,4,5,6-TCMX (Surr)			*Recovery: 61 %*		*Limits: 50-125 %*			*Dilution: 1x*				
Decachlorobiphenyl (Surr)			*87 %*		*55-130 %*			*"*				
Duplicate (1003154-DUP1)					Prepared: 03/08/10 12:56 Analyzed: 03/08/10 14:23							**C-07**
QC Source Sample: 8510118-T27-01 (A10C085-01)												
EPA 8082A												
Aroclor 1016	ND	---	0.882	mg/kg	1	---	ND	---	---	---	30%	
Aroclor 1221	ND	---	0.882	"	"	---	ND	---	---	---	30%	
Aroclor 1232	ND	---	0.882	"	"	---	ND	---	---	---	30%	
Aroclor 1242	ND	---	0.882	"	"	---	ND	---	---	---	30%	
Aroclor 1248	ND	---	0.882	"	"	---	ND	---	---	---	30%	
Aroclor 1254	ND	---	0.882	"	"	---	ND	---	---	---	30%	
Aroclor 1260	ND	---	0.882	"	"	---	ND	---	---	---	30%	
Surr: 2,4,5,6-TCMX (Surr)			*Recovery: 57 %*		*Limits: 50-125 %*			*Dilution: 1x*				
Decachlorobiphenyl (Surr)			*84 %*		*55-130 %*			*"*				
Matrix Spike (1003154-MS1)					Prepared: 03/08/10 12:56 Analyzed: 03/08/10 14:52							**C-07**
QC Source Sample: 8510118-T27-02 (A10C085-02)												
EPA 8082A												
Aroclor 1016	7.92	---	0.955	mg/kg	1	15.9	ND	50	40-140%	---	---	

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4150 N. Suttle Rd.	Project Number: [none]	**Reported:**
Portland, OR 97217	Project Manager: Ame LeCocq	03/10/10 10:21

QUALITY CONTROL (QC) SAMPLE RESULTS

DRAFT: Polychlorinated Biphenyls by EPA 8082A

Analyte	Result	MDL	Reporting Limit	Units	Dil.	Spike Amount	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1003154 - EPA 3580A							**Oil**					
Matrix Spike (1003154-MS1)					Prepared: 03/08/10 12:56 Analyzed: 03/08/10 14:52							**C-07**
QC Source Sample: 8510118-T27-02 (A10C085-02)												
Aroclor 1260	11.7	---	0.955	mg/kg	"	"	ND	73	60-130%	---	---	
Surr: 2,4,5,6-TCMX (Surr)			*Recovery: 60 %*		*Limits: 50-125 %*				*Dilution: 1x*			
Decachlorobiphenyl (Surr)			*92 %*		*55-130 %*				*"*			

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4150 N. Suttle Rd.	Project Number: [none]	**Reported:**
Portland, OR 97217	Project Manager: Ame LeCocq	03/10/10 10:21

SAMPLE PREPARATION INFORMATION

Polychlorinated Biphenyls by EPA 8082A

Prep: EPA 3580A

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
Batch: 1003154							
A10C085-01	Oil	EPA 8082A	03/08/10 10:30	03/08/10 12:57	0.155g/5mL	0.15g/5mL	0.97
A10C085-02	Oil	EPA 8082A	03/08/10 11:35	03/08/10 12:57	0.199g/5mL	0.15g/5mL	0.75

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Oil Re-Refining Co.	Project: **PCB Tanks**	
4150 N. Suttle Rd.	Project Number: [none]	**Reported:**
Portland, OR 97217	Project Manager: Ame LeCocq	03/10/10 10:21

Notes and Definitions

Qualifiers:

C-07	Extract has undergone Sulfuric Acid Cleanup by EPA 3665A, Sulfur Cleanup by EPA 3660B, and Florisil Cleanup by EPA 3620B in order to minimize matrix interferance.

Notes and Conventions:

DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis. Results listed as 'wet' or without 'dry'designation are not dry weight corrected.
RPD	Relative Percent Difference
MDL	If MDL is not listed, data has been evaluated to the Method Reporting Limit only.
WMSC	Water Miscible Solvent Correction has been applied to Results and MRLs for volatiles soil samples per EPA 8000C.
Batch QC	Unless specifically requested, this report contains only results for Batch QC derived from client samples included in this report. All analyses were performed with the appropriate Batch QC (including Sample Duplicates, Matrix Spikes and/or Matrix Spike Duplicates) in order to meet or exceed method and regulatory requirements. Any exceptions to this will be qualified in this report. Complete Batch QC results are available upon request. In cases where there is insufficient sample provided for Sample Duplicates and/or Matrix Spikes, a Lab Control Sample Duplicate (LCS Dup) is analyzed to demonstrate accuracy and precision of the extraction and analysis.
Blank Policy	Apex assesses blank data for potential high bias down to a level equal to ½ the method reporting limit (MRL), except for conventional chemistry and HCID analyses which are assessed only to the MRL. Sample results flagged with a B or B-02 qualifier are potentially biased high if they are less than ten times the level found in the blank for inorganic analyses or less than five times the level found in the blank for organic analyses. For accurate comparison of volatile results to the level found in the blank; water sample results should be divided by the dilution factor, and soil sample results should be divided by 1/50 of the sample dilution to account for the sample prep factor. Results qualified as reported below the MRL may include a potential high bias if associated with a B or B-02 qualified blank. B and B-02 qualifications are not applied to J qualified results reported below the MRL.

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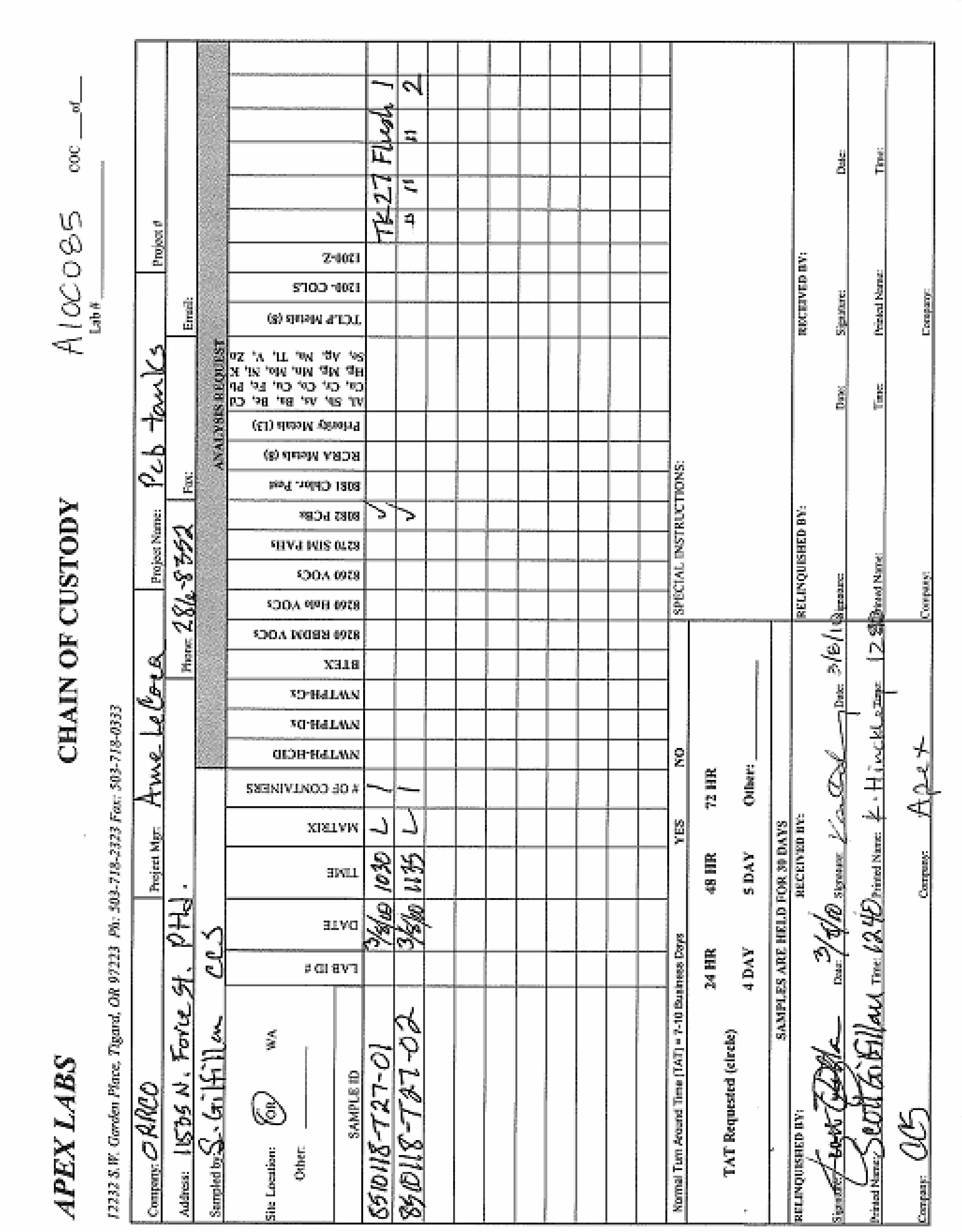
Portland, OR 97217	Project Manager: Ame LeCocq	03/10/10 10:21



APEX LABS — **CHAIN OF CUSTODY** — Lab # A10C085 — COC ___ of ___

12232 S.W. Garden Place, Tigard, OR 97223 Ph: 503-718-2323 Fax: 503-718-0333

Company: ORRCO — Project Mgr: Ame LeCocq — Project Name: Pcb tanks — Project #:

Address: 11535 N. Force St. Ptld. — Phone: 286-8352 — Fax: — Email:

Sampled by: S. Gilfillan CCS

Site Location: OR (circled) WA — Other: ______

ANALYSIS REQUEST

SAMPLE ID	LAB ID #	DATE	TIME	MATRIX	# OF CONTAINERS	NWTPH-HCID	NWTPH-Dx	NWTPH-Gx	BTEX	8260 RBDM VOCs	8260 Halo VOCs	8260 VOCs	8270 SIM PAHs	8082 PCBs	8081 Chlor. Pest	RCRA Metals (8)	Priority Metals (13)	Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Hg, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Tl, V, Zn	TCLP Metals (8)	1200- COLS	1200-Z	
8510118-T27-01		3/8/10	1030	L	1									✓								TK27 Flush 1
8510118-T27-02		3/8/10	1135	L	1									✓								" " " 2

Normal Turn Around Time (TAT) = 7-10 Business Days YES NO

TAT Requested (circle): 24 HR 48 HR 72 HR 4 DAY 5 DAY Other: ______

SPECIAL INSTRUCTIONS:

SAMPLES ARE HELD FOR 30 DAYS

RELINQUISHED BY:	RECEIVED BY:	RELINQUISHED BY:	RECEIVED BY:
Signature: [signature] Date: 3/8/10	Signature: [signature] Date: 3/8/10	Signature: Date:	Signature: Date:
Printed Name: Scott Gilfillan Time: 1240	Printed Name: K. Hinckley Time: 1240	Printed Name: Time:	Printed Name: Time:
Company: CCS	Company: Apex	Company:	Company: